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## CONTENTS

### 1. Business Administration

<table>
<thead>
<tr>
<th>Paper Number</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>15R-033</td>
<td>The Role of Corporate Strategy, Learning Culture, and Human Capital in Facing the Global Competitive Environment</td>
<td>1</td>
</tr>
<tr>
<td>15R-035</td>
<td>The Feasibility of Implementing E-Commerce in Sudan</td>
<td>15</td>
</tr>
<tr>
<td>15R-039</td>
<td>Application of Sales and Financial Information Systems the Company CV “XYZ” Based Smartphone</td>
<td>34</td>
</tr>
<tr>
<td>15R-058</td>
<td>Application of Polite Business Environment Young Entrepreneur of the Seller Clothes Imported Used in Royal Plaza Surabaya</td>
<td>44</td>
</tr>
<tr>
<td>15R-063</td>
<td>The Effects of Reverse Logistic Capability Factors on Cost Savings</td>
<td>53</td>
</tr>
<tr>
<td>15R-084</td>
<td>The Relationship between Earnings Quality, Information Asymmetry and Cost of Capital: Test Using Path Analysis</td>
<td>84</td>
</tr>
<tr>
<td>15R-089</td>
<td>Situational Factors Influencing Online Negative Word of Mouth</td>
<td>103</td>
</tr>
<tr>
<td>15R-097</td>
<td>Never Stop, Giving a Life Light (Case Study of Female Leadership in Developing Family Business)</td>
<td>117</td>
</tr>
<tr>
<td>15R-167</td>
<td>The Effects of Emotional Labor on Job Involvement: The Moderating Roles of Perceived Person-Environment Fits</td>
<td>130</td>
</tr>
</tbody>
</table>

### 2. Case Study

<table>
<thead>
<tr>
<th>Paper Number</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>15R-003</td>
<td>The Effect of Conflict, Stress and Motivation on Performance and Its Impact on Productivity of Employee in the Bureau of Investment Services Batu City Government</td>
<td>145</td>
</tr>
<tr>
<td>15R-024</td>
<td>Effect of Knowledge Inertia and Environmental Perception on Entrepreneurial Behavior in the Development of Strategic Adaptability Behavior: Case of Indonesian National Gas Company</td>
<td>165</td>
</tr>
<tr>
<td>15R-049</td>
<td>Below the Line: Media Strategy in Improving Promotion of Independent Choir in Surabaya. Case Study: Concert of Coro Semplice Indonesia</td>
<td>191</td>
</tr>
<tr>
<td>15R-055</td>
<td>Study of Creation and Development of Small and Medium Scale Enterprises Finance (Case Study of Smes in District of East Ende, Regency of Ende)</td>
<td>205</td>
</tr>
<tr>
<td>15R-057</td>
<td>How Unions Recruit and Retain Their Members? (Case Study on Unions of Federasi Serikat Pekerja of Tekstil Sandang Kulit Serikat Pekerja Seluruh Indonesia in Surabaya)</td>
<td>218</td>
</tr>
</tbody>
</table>
   Case Study: PT HM Sampoerna Tbk. Indonesia-------------------------- 228
15R-130: An Analysis on the Strategies of Developing Eco-Hospitals with Intelligent Green Buildings - Through Case Studies on Taiwan’s Psychiatric Hospitals----------------------------------------------- 249

3. Consumer Behavior

15R-032: The Effect of Product Innovation and Excellence Service toward J.Co Donuts & Coffee’s Consumer Satisfaction-------------------------- 265
15R-080: The Antecedents of the “Bandwagon” Luxury Consumption Behaviour--- 282
15R-133: The Research of Consumer Affective Factor using Procreates Analysis---- 296
15R-170: Apply Cluster Analysis for Consumer’s Affective Responses toward Product Forms----------------------------------------------- 308
15R-188: New Thoughts of CSR: Company’s Public Welfare and Charity Stories Marketing How to Affect Purchase Intention-------------------------- 317
15R-202: Effect of the Neutral Style Women’s clothing on Purchase Intention with the View of Personality Traits----------------------------------------------- 326

4. Economics and Sociology

15R-012: Creative Economy Development Based on Triple Helix in Indonesia------ 335
15R-021: Projection of Indonesia’s Economy Using Dynamic Modeling-------------------------- 349
15R-038: Population, Creative Economy and Economic Growth in Asia-------------------------- 364
15R-092: Contribution of SMEs and SME Business in Bandung, Sumedang, Cianjur, Garut and Economic Improvement in the Region in West Java ----------- 407
15R-132: Taiwan’s Urban and Rural Landscape Renovation and the Regeneration of Comprehensive Community Development Practice----------------------------------------------- 419
15R-172: E-Governance and Business Digitalization: Factors, Trends and Economical Effects----------------------------------------------- 434

5. Education Administration

15R-043: Aggregate Efficiency of Higher Education Management under Coordination of Private Universities Area Using DEA in Determining Strategic Innovation----------------------------------------------- 449
15R-112: Identity Teaching In Distance Education: Reflections Theoretical on Pedagogical Practice of Tutors Distance----------------------------------------------- 467
6. Entrepreneurship

15R-077: The Entrepreneurship Orientation, Business Networking Capability, Behavioural Commitment and Performance of SMEs on the Centre of Smes Carving Furniture in Sumenep Regency-------- 527
15R-090: To Shape the Green Entrepreneurial Behavior for University Students at Economy and Business Faculty-Lambung Mangkurat University------ 544
15R-095: The Young Eagle: Exploring the Sky, Swallow the Horizon (A Case Study of Entrepreneur Students)-------------------------------------- 554
15R-099: Strategy Increased Purchasing Power Village Community Based Entrepreneurship Featured Products (A Case Study in the District of Subang, West Java)----------------------------------------------------- 570
15R-182: The Status of Entrepreneurship Education in Australian Higher Education Institutions-------------------------------------------------------------------- 583
15R-185: Exploring the Relationship between Individual Entrepreneurial Orientation, Intentionality and Self-efficacy within the Venture Creation Process--------------------------------------------------------------------- 597

7. Financial Management

15R-017: The Effect of Management System on Corporate Performance (A Study of 179 Companies, Manufacturing Sector, Listed on the Jakarta Stock Exchange Year 1998 - 2000)----------------------------------------------- 598
15R-026: Cash Dividend Announcement Information Content and Effect of Private Benefit of Institutional Ownership of Listed Companies in Indonesia Stock Exchange Period of 2009-2013---------------------------------------------------------- 615
15R-029: An Analysis of Telecommunication Vendor Company Bankruptcy Potency Based on the Problematic Financial Ratio with Altman, Springate and Zmijewski Methods---------------------------------------------------------------------------------- 624
15R-048: Dimensions of Religiosity as Determinants In Selecting Islamic Banking Products: Survey on Employees of PT. Telekomunikasi Indonesia------- 641
8. General Management

15R-025: Intrinsic Motivation Preference on Volunteer in Indonesia International Work Camp
15R-067: Four I’s Transformational Leadership Style of the First-Line Manager
15R-068: The Effect of Perceived Organizational Support on Work Attitude: the Role of Career Commitment
15R-070: Corporate Governance, Ownership Structure, and Cash Holdings
15R-078: Service Quality Improvement (case study in small business and enterprise)
15R-081: The Antecedent of Relationship Commitment Donors to Nonprofit Organizations in B2C Relationship Context
15R-087: The Role of Power and Conflict Resolution in Small and Medium Enterprise Supply Chain Collaboration: The Mediating effect of Commitment to Collaborate
15R-186: The Effect of Supervisor-Subordinate Guanxi Style on Power Based and Trust
15R-187: Cultural Influences on Services Cape Expectation
15R-190: The Plan of Critical Disaster Rescue Mission for Taiwan Military Forces
15R-194: Does Supervisor-subordinate Guanxi Matter in Employee’s Turnover Intention?

9. Higher Education

15R-034: The Relationship between Big Five Personality and Career Adaptability among Fresh Graduate Students
15R-041: Measuring Students’ Financial Literacy: Comparison between Gender and Concentration Courses
15R-151: Key Success Factors In the Curriculum Design of Higher Education in Taiwan

15R-158: A Study of Gesture-Based Control Technology in English Learning Environment

15R-173: The Extent of Spreading the Culture of Strategic Planning at the Newly Established Universities in Saudi Arabia

15R-180: Applying Action Research to Communicative Language Teaching in English Conversation Class

10. Industrial Management

15R-014: Company Strategy to Improve Work Productivity

15R-027: Forming Values of Productive Behaviors

15R-051: Development of Measurement Model of TQM, Innovation Capability, and Mass Customization in Small & Medium Scale of Garment Industry

15R-069: The Competitiveness of Small and Medium Agribusiness Firms in East Java Indonesia

15R-073: Safety Climate, Employee Safety Control and Satisfaction to the Company

15R-075: Competitiveness Performance of Stevedoring Companies through Collaboration in Logistics Operations, Perspective of Port Operation Management at PT Pelindo 3, Indonesia

15R-076: The Quality Analysis of Outpatient Department at Dr. Mohammad Soewandhie Public Hospital in Surabaya Using Servqual Method and It’s Improvement Suggestions Using Fishbone Chart

15R-079: Designing the Demand Process and Distribution of Pharmaceutical Product of Public Health Centers in Surabaya

15R-083: Working Capital, Profitability, and Business Cycle Indonesian Manufacturing Companies

15R-191: Coordination Demand Analysis of a Dual-Channel Supply Chain Retailer-led

15R-198: A Preliminary Study of Applying Space Syntax to Route Planning between Department Store Floors

11. Industrial Design

15R-100: The Outgrowth of Design: Toward Systematic Service Innovations to Increase Co-Creation of Value

15R-101: Design Team Management and Effectiveness: How to Move from Conflict to Cooperation
15R-104: An AHP Based Method for Ultra Thin Powder Pressed Design

15R-107: A Hybrid Kansei Engineering System Based on Multi-Objective Evolutionary Algorithm for Product Form Design

15R-108: A Study of the Application of Space Syntax Theory to the Planning of Travel Routes in Central District, Taichung City, Taiwan

15R-114: A Study on the Standardized Design of Museum Exhibition Communication Styles – Using a Nature and Science Museum as an Example

15R-116: Power Displayed in Images


15R-152: Assessment of Optimal Design of Architecture Space by Fuzzy Model: Using Business Hotel as an Example

15R-153: A Study Investigating the Effectiveness of Innovative Teaching of Painting Techniques Using Delphi Method: Taking the Painting of Roses for Example

15R-154: Use of Fuzzy Delphi Method to Develop an Assessment Model for Music Expertise

15R-155: An Analysis on Critical Factors Affecting Environmental Protection Education of Communities in Taiwan Using MCDM

15R-156: Study on Development Effectiveness of Wedding Dress Creative Industry by Sharing Economy and MCDM Model

15R-165: Kansei Clustering Using Fuzzy and Grey Relation Algorithms

1.2. Product Design


15R-106: Concurrent Design Strategy in the Development of Humorous Products

15R-109: An Evaluation Model for Product Aesthetic Measures Constructed by Aesthetic Principles of Minimalist

15R-140: A Kansei Engineering Approach to Sports Shoes Form Design

15R-157: Effectiveness evaluation Model of Wastes Development into Cultural Creative Products

15R-162: A Study of Tactile Sensations on the Cell Phone Panel for the Visually Impaired Persons

15R-171: Effects of Computer Monitor Viewing Angle on the Level of Shoulder and Neck Fatigues
13. Innovational Management

15R-011: Revisiting the Miles and Snow Typology: Innovation for Adaptability and Growth--------------------------------------------------------------- 1411
15R-056: Management Innovation and Innovation Management: A Review towards Value Innovation and Performance Management--------------------------------------- 1427
15R-065: The Importance of Comparing CBBE in General and in Each Dimension: Understanding the Effects of Innovation on CBBE-------------------------------- 1448
15R-117: An Example of Organizational Innovation: Implementation of Professional Qualifications for Interior Design in Taiwan--------------------------------------- 1458
15R-118: Study of Effects on Pond Culture in the Region Planned for Taoyuan Aerotropolis from Concept of “Environmental Perception”-------------------------------- 1468
15R-120: Exploration on Advantages, Disadvantages and Improvement Directions of Hospital Efficiency Competition--------------------------------------------------------- 1482
15R-168: Modern Industrial Product Development and Organizational Impact--------------------------------------- 1483
15R-181: A Study on Innovative Design of Escape Rappelling Ladder--------------------------------------------------------------- 1493
15R-192: Measurement and Classification of Disruptive Innovation Aimed At Different Target Markets--------------------------------------------------------------- 1500

14. Information Management

15R-023: The Correlation between Perceptions of Information Technology, Ease of Use, Risk and AIS Service Features towards Lecturer Re-Interest in Using Academic Information System (A Study to UIN Syarif Hidayatullah Jakarta)--------------------------------------------------------------- 1507
15R-062: On Modernising Community Health Service: Getting off the Hamster Wheel? A Case Study on the Introduction of Community Health Service Management Information System--------------------------------------------------------------- 1537
15R-146: Public Distribution System in Mohali and Mansa districts of Punjab--------------------------------------- 1554
15R-161: A Study of the Web Interface Design for the Elderly person--------------------------------------------------------------- 1566
15. Marketing Management

15R-006: Planning Matrix QFD Application in Traditional Market Evidence from Traditional Market in Bandung, Indonesia------------------------------------------------ 1579
15R-010: Antecedents of Future Market Anticipation: A Better Understanding from the Fashion Industry in Indonesia----------------------------------------------- 1600
15R-040: Strategy to Create Purchase Intention by Product Quality and Country of Origin----------------------------------------------------------------------------------- 1610
15R-052: Trust in Brand and Brand Loyalty of Amil Zakat Institutions in Indonesia----------------------------------------- 1621
15R-071: The Relationship between Price Strategies and Placebo Effect----------------------------------------- 1633
15R-150: The Research Plan of Critical Success Factors appealing to Foreigners to Attend MICE Activities in Taiwan----------------------------------------------- 1639
15R-183: The Effects of Exhibitors’ Brand Equity on Visitors’ Purchase Decision: Moderating Role of Competitive Intensity----------------------------------- 1650

16. Knowledge Management

15R-047: The Role of the Quality Management System of Organizational Learning and Knowledge Management to Generate Organizational Performance---------------- 1665
15R-115: Establishing a Continuous Improvement System in Creative Industries------------------ 1684

17. Organizational Behavior

15R-030: Emotional Intelligence and Its Influence on Employee Commitment at Department Agriculture and Horticulture of Lampung Province---------- 1699
15R-037: The Influence Motivation and Organizational Commitment to Employee Performance and Job Satisfaction as an Intervening Variable (Study on Cv. Multi Global Agrindo)--------------------------------------------------------------- 1709
15R-060: The Role of Perceived Organizational Support on the Relationship between Leadership Behavior and Job Satisfaction in Higher Education------------------- 1722
15R-074: Job Stress and Task Performance: Moderating: Organization Based Self Esteem (OBSE)----------------------------------------------------------- 1730
15R-094: Is Self Competence as Affective Commitment Predictor?----------------------------------------------- 1739
15R-196: Correlation Study on Organizational Learning, Management Innovation, and Technological Capability of SMEs----------------------------------- 1745
18. Performance Management

15R-007: Improving Local Government Performance through E-Governance with Human Resources Base Strategic (A Case Study in Local Governments in Demak) 1752
15R-018: Organizational Strategy, Total Quality Management, and Organizational Performance in Ceramic Companies 1765
15R-064: Linear and Non Linear Relationship between Degree of Internationalization and Firm Performance 1773
15R-093: The Influence of Employee Engagement and Burnout on Performance (A Case Study in Bank Tabungan Negara (BTN) Bank Yogyakarta) 1784
15R-178: The Establishment of Disaster Reduction and Response Performance Evaluation Model 1802

19. Public Administration

15R-019: Survey Analysis on Factors Affecting Corruption of Local Authorities and Its Prevention in Central Java 1818

20. Tourism and Catering Management

15R-044: Store Atmosphere in Restaurant and Its Impact on Revisit Intention 1829
15R-085: The Effect of Homophily, Information Quality and Risk Propensiyon Consumer Trust toward Online Reviews and Intention to Make Hotel Reservation 1839
15R-121: Exploring the Relationship Marketing Activities Affect the Result --A Case Study in Medical Tourism 1852
15R-135: Factors Influencing Consumer's Group Buying Motivation and Group Buying Intention Regarding Tourism Products 1866
15R-142: Effects of On-Job Training on Job Performance of Employees in Catering Industry 1876

21. Others

15R-144: Formulae Derived Using an Innovative Approach for Electromagnetic Force Referred to a Solenoid with a Plunger 1888
Survey Analysis on Factors Affecting Corruption of Local Authorities and Its Prevention in Central Java

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Abstract

This study aims to identify the effectiveness and efficiency of the implementation of good governance based on information technology (e-Governance) in the Central Java provincial government. It is intended that the corruption done by government officials could be prevented/avoided. To achieve this goal it is necessary to identify the existing conditions and constraints that arise both from internal and external factors that may impede the implementation of this system.

The population in this study is all whole Unit of SKPD in Central Java Provincial Government with the unit of analysis the Head of SKPD. In this study, the samples are taken by using proportional random sampling.

The results of discussion on the study of corruption and e-governance conclude that the types of state capture, influence and administrative corruption can happen anytime and anywhere. Yet, the biggest concern of the corruption by government officials is administrative corruption. To prevent the corruption of local governments, it should implement the use of e-governance or the application of information technology to support the implementation of good-governance systems. However, the most important thing is the commitment of all officials in local government.

Keywords: E-Governance, State Capture, Influence, Administrative Corruption
Background of the Problems

Indonesia currently has occupied the top position in the world in terms of corruption. Many cases of corruption occur in this country, even many experts claim Indonesia as a corrupt country. Corruption in Indonesia has become tangled and interwoven in almost all sides and levels of life, starting from the Neighborhood (RT) to the village level. In addition to reaching the lowest level, corruption also affects the bureaucracy such as house of people's representative, military, businesses, banking, education, and religious institutions, even the institutions in charge of combating corruption such as the police, the judiciary and prosecutors (Muzadi, 2006: 7).

The results of the Corruption Perception Index (CPI) in 2007 launched by Transparency International show that Indonesia is ranked 143 with a value of 2.3. With the CPI value, Indonesia is the most corrupt country in the world along with 71 other countries with the score value of less than 3. In addition, the data from the Indonesian Corruption Watch (ICW) explain that in 2007 there has been a rise in cases of corruption if compared to the previous year, which is about 161 cases with leakage to reach Rp. 14.4 trillion (Transparency International 2007: 2). This surely will have an impact on the views of other countries to Indonesia that in turn will bring multiplied effects in all aspects.

According to Hatta, as quoted by Masdar Hilmy, in the New Order era, corruption in Indonesia has been entrenched. Corruption has become a culture that goes to the heart and every aspect of life. Public are proud of and preoccupied with corruption. Regional autonomy with the goal to equalize and advance the population is eventually affected by the growing prevalence of corruption (Tarmizi Taher 2005: 109). Although Indonesia is well-known as a religious state, but according to Azyumardi (2004), the low and high level of corruption are not related to religion, but it is associated with strict legal order and accompanied by vigorous enforcement against perpetrators of corruption.

Central Java, one of the provinces in Indonesia, is not far from the problem of corruption. According to anticorruption activists in Semarang, the Committee of Inquiry and Combating Corruption, Collusion and Nepotism (KP2KKN) of Central Java records that during the year of 2012 there are 215 cases of alleged corruption to spread in 35 districts/cities in Central Java. The number of cases revealed is rising up more than 100 percent if compared to the case in 2011 which is about 102 cases of corruption. (Tempo.com, Dec. 2012). In this case, KP2KKN are only able to calculate the losses to the state of 71 percent from the 215 cases. From the 71 percent of it, there is a state loss of Rp. 381 billion.

As a resident of Central Java, the writer is encouraged to carry out a study on the corruption in Central Java and hopes to find a model of prevention that can be used as a reference for other provinces. This study leads more to system and human factors that are considered to provide an opportunity for government to do corruptions.

Lopa (1997) states that there are several causes of corruption which are originally due to a weak socio-economic conditions until the motivation to sustain life, but now has shifted to get the luxuries of life. The theory of fraud (corruption) is also stated by a criminologist, namely Donald Ray Cressey. Cressey (1950) writes that the factors that
cause people to commit fraud (financial fraud) are 3 (three), namely: Motivation (Pressure); Opportunity; and rationalization.

A good system will have an impact on the good performance. One system that has been applied to both the company and other public organizations in various countries is Good Governance system. Good governance system is the one expected to reduce corruption done by the governments. Wilopo (2006) argues that in order to prevent and eliminate fraudulent practices, we can do the following preventions: first, effectuating internal control as good as possible, including enforcement of law; Second, Improving the monitoring and control system; third, Implementing good governance; and the fourth, making up moral of managers which is realized through developing an attitude of commitment to company, state and society.

Information and technology has been believed to be able to prevent or reduce corruption. This is evidenced by many studies on e-government that give results that e-government can reduce or prevent acts of corruption committed by governments. Cho and Choi (2004) build e-government project called 'OPEN' in Korea (Online Procedures Enhancement for civil applications), and the project is successful in controlling corruption. Moreover, Bhatnagar (2004); Csáki and Gelléri (2005); Pathak and Prasad (2006); and Bhatnagar, Rao, Singh, Vaidya, and Mandal (2007) prove the same thing that e-government can reduce corruption.

E-Governance

E-governance is beyond the scope of e-government. If the e-government is defined as the delivery of government services and information to the public by using electronic means, e-governance allows direct participation of constituents in government activities. Blake Harris concludes the e-governance as follows: "E-governance is not just about government web site and e-mail. It is not just about service delivery over the Internet. It is not just about digital access to government information or electronic payments. It will change how citizens relate to Governments as much as it changes how citizens relate to Each Other. It will bring forth new concepts of citizenship, both in terms of needs and responsibilities ".

E-governance allows citizens to communicate with others and the government, to participate in the decision-making process, and to express the real need on welfare with the use of e-government as a means.

With regard to e-governance, there are two fundamental questions that need to get complete answers. First, how to establish good governance criteria for the use of IT itself, and second, how to locate the position of IT in achieving good governance of an organization, which is characterized by transparency, accountability, fairness, effectiveness, and can accommodate the participation of all society.

Indeed, the good governance and IT support each other. IT that is well managed, physically accessible, affordable, and responsive to human needs, in turn, will accelerate national development to become more democratic, sustainable, and facilitate the achievement of a more prosperous society. Some developed and developing
countries give examples on how the efforts of good governance always include elements of policy in the field of legal, financial and entrepreneurial groups to encourage innovation and new discoveries that lead to the formation of the company. Environment that can speed up public services in the establishment of the company and reverse small and medium enterprises to obtain credit capital is an environment that is able to encourage business actors to introduce new technology to the public.

Ultimately, the goal is to make more people can take advantage of IT, so that, IT can lead to social and economic transformation. Therefore, the more appropriate expression is "good governance by the use of IT, and IT to support good governance."

**IT Implementation to Support Good Governance and anti-corruption**

Some countries have proven their success in using IT to support good governance and prevent corruption. In Korea, *E-Governance* is used as a tool for Anti-Corruption (Iqbal and Seo 2008). Korea builds Seoul Metropolitan Government project 'OPEN' (Online Procedures Enhancement for civil applications); and Korea's Government e-Procurement System (GePS). Both projects are as "an anti-corruption tool". The results indicate that *e-governance* is an effective tool in the fight against corruption.

In Bangladesh (Iqbal, 2010), *e-governance* has been proven as an effective anti-corruption tool. Likewise, Thailand (Rotchanakitumnuai, 2013), *e-governance* through the application of *e-government procurement (e-GP)* succeeds to reduce corruption, though no guarantee to be the disappearance of corruption. In India (Pathak and Prasad, 2006), *e-governance* is not only to reduce corruption, but also to raise revenues that can be used for social purposes such as health, education and poverty eradication. Fiji and Ethiopia also use *e-governance* to reduce corruption (Pathak, Singh, Belwal, Nas, and Smith, 2007). The results of the studies in these countries show that *e-governance* is positively correlated with increasing relationship between government and citizens and can decrease corruption.

In Indonesia, *e-governance* has been started since the issuance of Presidential Instruction No. 3/2003 of the National Policy and Strategy Development of E-Government. Transparency is one of the principles that must be met in order to realize Good Public Governance (NCG, 2010). Accordingly, Act No. 14 of 2008 on Public Information states that public information should be presented in a simple way to be easily accessible by the public. Styles and Tennyson (2007) state that the internet is a medium that is most easily accessible by the public and the most effective way to disseminate information to the government. Hermana et.al. (2012) succeed in accessing and analyzing 424 local government websites throughout Indonesia in June 2011. The results of these observations figure out a trend increase in the number of local government websites to be accessed by the public. Martani et al. (2013) note that from 439 local government websites, only 429 websites are accessible and observable in the period of the middle of May until the end of July 2013.
Research method

Population and Sample

The population in this study is all local governments in Central Java provinces. Unit of analysis in this study is the head of SKPD as policy maker. Samples are selected by using proportional random sampling method. The technique is by selecting four local governments that represent the position of the local government area. The four regions consist of Central Java province region of Central/Center, the South, the West, and the East Region. However, in this study each responsibility center should be represented by central revenue, costs, investment and profit.

Table 1
Distribution of the local government area of sample

<table>
<thead>
<tr>
<th>No.</th>
<th>Region Name</th>
<th>Sample Local Government</th>
<th>SKPDs</th>
</tr>
</thead>
</table>
| 1   | Central/Center | Government of Semarang and Central Java Province | - Department of Revenue and Management of the Provincial Assets  
- Department of Revenue and Management of the Regional Assets  
- Department of City Planning  
- Department of Tourism  
- Department of Education |
| 2   | South | Government of Salatiga | - Department of Revenue and management of the Regional Asset  
- Department of nationalism and Politic |
| 3   | West | Government of Pekalongan | - Department of Revenue and management of the Regional Asset  
- Department of nationalism and Politic |
| 4   | East | Government of Demak | - Department of Revenue and management of the Regional Asset  
- Public Works Department  
- Regional Employment Board  
- Sekda |
Operational Definition and Measurement of Variables

In this study, the independent variable is *e-governance*, and the dependent one is corruption. Here is the operational definition of each variable and its measurement:

a. **E- Good Governance**

*E- Good governance* is the delivery of government services and information to the public using electronic means; e-governance allows direct participation of constituents in government activities. This variable is measured with the 3 dimensions, namely fairness, transparency and Internal Control.

b. **Corruption**

Corruption is divided into three types: *state capture, influence and administrative corruption*. *State capture* is a kind of corruption in which the second parties take part in the rules of government systems illegally (such as law, decision, regulation of law) by giving illegal or not transparent payments to public officials. *Influence corruption* is the capacity of second parties to influence the decision makers in the field of law and legislation by giving not-transparent payments like a bribe or other. *Administrative corruption* is the second party payments to public officials to expedite personal need (Joel, et. all, 2000).

Research Design

The design of this study is a descriptive qualitative study by selecting "Human" as a source of data, collecting data, assessing the quality of the data and making conclusions on findings (Sugiono, 2009). Interview is done for the exchange of information and ideas through question and answer so that it can be confirmed a meaning of a particular topic (Sugiono, 2009).

Finding and Discussion

The Study of Corruption

The study of corruption is classified into three kinds. They are state capture, influence corruption and administrative corruption. Based on the survey and interview involving the respondents, the map of the study can be described as below:

<table>
<thead>
<tr>
<th>No.</th>
<th>Classification</th>
<th>Often</th>
<th>Seldom</th>
<th>Never</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>state capture</td>
<td>20%</td>
<td>80%</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>influence corruption</td>
<td>50%</td>
<td>45%</td>
<td>5%</td>
</tr>
<tr>
<td>3</td>
<td>administrative corruption</td>
<td>80%</td>
<td>20%</td>
<td></td>
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Source : Analyzed Primary Data (2015)

The state capture corruption rarely happens. This is shown based on the interview that only 20% of the respondents answer it rarely happens while 80% of them says it never happens. This shows that this classification of corruption eventhough it happens but is
rarely since five years lately. Based on the interview, 50% of the respondents answers the influence corruption often happens, 45% of them says it rarely happens, while the rest of them answer it never happens. While, the Administrative Corruption results 80% of them answer it always happens, while the rest answers it rarely happens. So, it can be concluded that the corruption which often occurs in Central Java is at the Administration classification, where there is other party(es) who intend to give payment to the government to smothen their business with the district government.

The study of Information Technology

The role of information technology for the government is very important to prevent corruption. Even though the technology system is only a tool or medium to reach the goal of organization faster and easier, it is also able to minimize the possibility of corruption. The tax payment or retribution resulted from online administration on public service will prevent the possibility of corruption or fraudulence. This is because all payment will be paid to one direction that is district government treasury. No matter how much and whatever the payment is, it can be known transparently and accountably by all parties including auditors of BPK, BPKP or inspectorat.

Based on the survey explained above, it can be concluded that the use of information technology has often been used to support the work of district government. Generally, they feel its role and its use to reach their goal faster and easier. For instance: Computer, Internet, dan other sophisticated softwares. However, there are still problems on the capacity of information technology and the human resources. The information technology of district government must be able to cover what all users need. The higher their need is, the higher the IT capacity will be. Based on the interview with the respondents, the current information technology has not accommodated all SKPD need. For instance, some of the SKPD still use old version offline computers.

The district government’s human resource also support the performance of this information technology. No matter how good the information technology is, when it is not supported with competent human resources, so it will not be optimal. Based on the survey, there are some efforts conducted by the district government to improve the quality of human resources, for instance, SKPD give special treatment for IT staff by sending them to course or training which is in line with their field.

The Study of Good Governance

Based on the survey, the understanding on good governance is generally good. This means that all SKPD understand the importance of good governance implementation for the district government especially to reduce or even to prevent corruption in Central Java Government. The importance of transparency, accountability, responsibility and justice is agreed and supported by all SKPD. The implementation of these principles must be kept and treated as a guidance of all SKPD to support their work. Even though most of them have already known and implemented good governance or good management, however, the most important is the commitment of the district government itself. No matter how good their system is, if all parties do not do their commitment like it does, the system will not work optimally. Therefore, the system of reward and punishment must be implemented fairly and transparently.
Conclusion

Based on the discussion on the study of corruption, the study of information technology and good governance above, it can be concluded that corruption whether it is State Capture, Influence Corruption or Administrative Corruption can occur at anytime and anywhere. However, the most occurrence which then should be taken into account is at the Administrative Corruption. To prevent that kind of corruption, the district government must implement the use of e-governance or the implementation of Information Technology to support the implementation of good government management. Nonetheless, the most important thing is the commitment of all parties involved in the district government.

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